MARKED UP VERSION

IN THE SPECIFICATION:

Starting at page 13, line 12 to page 14, lines 1 and 2:

Total RNA was extracted from leukemia cells and was used for cDNA synthesis. The cDNA synthesized was used as a template to amplify the MunI-EcoRV fragment, which contains the tandem repeat region found in mutants FTL3 cDNA, by RT-PCR. MunI-F primer (SEQ ID NO: [11] 9/ 5'-CAACAATTGGTGTTTGTCTCCTCTT-3') and EcRV-R primer (SEQ ID NO: [12] 10/ 5'-CATGATATCTCGAGCCAATCCAAAG-3') were used for the amplification. The amplified fragments were cleaved with MunI and EcoRV (Boehringer-Mannheim-Yamanouchi), resolved on agarose gel, and purified according to the aforementioned method. Expression vector pCDHF3 (a gift from Dr. Olivier Rosnet), which carries a full-length wild type FLT3 cDNA (Rosnet, O. et al., Blood 82:1110-1119; Accession No. S64785), was cleaved with MunI and EcoRV, and the purified FLT3/ITD fragment was inserted into the vector. Four mutants of FLT3/ITD (Mt1, Mt2, Mt3 and Mt4) were used. Nucleotide sequences of the mutated regions of Mt1 to Mt4 are shown as SEQ ID NOs. 1, 3, 5 and 7, and their amino acid sequences are shown as SEQ ID NOs. 2, 4, 6 and 8, respectively. Expression vectors for Mt1 to Mt4 were transfected into the blood cells.